

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12386	((526/279) or (522/6) or (424/70.12) or (424/401) or (524/504) or (8/115.53)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/08/06 15:06
L2	295	(522/8).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/08/06 15:13
L3	41	(8/115.53).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/08/06 15:13
S1	2	("4846995") or ("3092512") or ("4846995") or ("3092512")).PN.	US-PGPUB; USPAT	OR	OFF	2008/02/05 12:38
S4	1	WO-200134388-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 12:39
S5	6	("0486995") or ("6384100") or ("3092512") or ("4846994") or ("5635554")).PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/05 13:03
S7	51654	graft WITH (polymer OR co \$1polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 07:10
S8	531125	(surfactant OR (surface WITH (acting OR active) WITH agent) OR emulsifier OR detergent OR (wetting WITH agent))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 07:12
S9	509618	((photo OR light OR radiation OR UV OR IR) NEAR5 ((cure OR cured OR curable OR curing) OR (hard OR harden OR hardening))) OR (irradiated OR irradiating OR irradiation) OR (photo\$1cured OR photo\$1cure OR photo\$1curable OR radiation\$1cured OR radiation\$1cure OR light \$1curable OR light\$1cure OR light \$1cured)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 07:15
S10	141011	("type 1" OR "type 2") WITH (photo\$1initiator OR initiator) OR (photo\$1initiator SAME co \$1initiator) OR (benzophenone OR (diaryl WITH ketone) OR xanthone OR thioxanthone OR acridone OR anthraquinone OR diketone OR 2-\$1ketocoumarin OR imide)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 07:24

S11	1116348	(polyalkylene NEAR4 oxide) OR (polyalkylene NEAR4 glycol) OR ("(meth)acrylamide" OR acrylamide) OR (((("meth)acrylic" ADJ acid) OR (acrylic ADJ acid)) WITH (ester OR salt)) OR (polyvinyl ADJ alcohol) OR (polyvinyl ADJ acetate) OR (polyvinylpyrrolidone) OR polyethylenimine OR polyester OR polyamide OR polysaccharides OR (amino ADJ acid) OR protein	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 07:29
S12	143219	("(meth)acrylamide" OR acrylamide OR N-vinyl WITH pyrrolidone OR hydroxy WITH ethyl WITH acrylate OR ("(meth)acrylic" ADJ acid OR maleic ADJ acid OR itaconic ADJ acid OR 2-acrylamido-2-methyl WITH propane WITH sulfonic ADJ acid OR vinyl WITH sulfonic ADJ acid OR allyl WITH sulfonic ADJ acid OR dialkyl WITH amino WITH alkyl WITH ("(meth)"\$1acrylate OR acrylate) OR quaternary WITH ammonium OR dialkyl WITH amino WITH alkyl WITH ("(meth)"\$1acrylamide OR acrylamide) OR quaternary WITH ammonium OR diallyl WITH dialkyl WITH ammonium WITH halide OR styrene OR alkyl WITH ("(meth)"\$1acrylate OR acrylate) OR alkyl WITH ("(meth)"\$1acrylonitrile OR acrylonitrile)) SAME monomer	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 07:42
S13	5	(S7 SAME S8 SAME S9) AND S10 AND S11 AND S12	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 07:43
S14	41	(S7 SAME S8 SAME S9)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 07:46
S15	14	(S7 SAME S8 SAME S9) AND S7.AB.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 07:47
S16	141	(S7 SAME S9) AND S7.AB. AND S8	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 07:54
S17	78	(S7 SAME S9) AND S7.AB. AND S8 AND S10 AND S11 AND S12	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 07:54
S20	78	(S7 SAME S9) AND S7.AB. AND S8 AND S10 AND S11 AND S12 AND (methanol OR toluene OR cyclohexane OR acetonitrile OR dimethylformamide OR water)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 08:22

S21	0	(S7 SAME S9) AND (S7 AND S8). AB. AND S8 AND S10 AND S11 AND S12 AND (methanol OR toluene OR cyclohexane OR acetonitrile OR dimethylformamide OR water)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 08:26
S22	202	((filler ADJ dispersion) OR (microparticulate ADJ retention ADJ aid ADJ dispersion) OR (drilling ADJ mud) OR (pigment ADJ disperion)) AND (graft WITH (polymer OR co\$1polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 09:04
S23	14	((filler ADJ dispersion) OR (microparticulate ADJ retention ADJ aid ADJ dispersion) OR (drilling ADJ mud) OR (pigment ADJ disperion)).AB. AND (graft WITH (polymer OR co \$1polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 09:06
S24	17	(US-20060128824-\$ or US-20080014530-\$ or US-20070246249-\$ or US-20070212883-\$ or US-20050234166-\$ or US-20050208428-\$).did. or (US-4839400-\$ or US-3977954-\$ or US-6444722-\$ or US-5817707-\$ or US-5019603-\$ or US-4794130-\$ or US-6384100-\$ or US-6451423-\$ or US-4836940-\$ or US-4460292-\$ or US-4384096-\$). did.	US-PGPUB; USPAT	OR	ON	2008/02/06 09:25
S25	8	S24 AND S11 AND S12 AND (methanol OR toluene OR cyclohexane OR acetonitrile OR dimethylformamide OR water) AND ((benzophenone OR (diaryl WITH ketone) OR xanthone OR thioxanthone OR acridone OR anthraquinone OR diketone OR 2-\$1ketocoumarin OR imide))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 09:28
S26	355	(emulsion WITH paint) AND (graft WITH (polymer OR co \$1polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 10:15
S27	24	(emulsion WITH paint).AB. AND (graft WITH (polymer OR co \$1polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 10:15
S28	11231	(emulsion OR dipersion) SAME discontinuous (water OR aqueous)) AND (graft WITH (polymer OR co\$1polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 10:35
S29	907	(emulsion OR dipersion).AB. SAME (discontinuous (water OR aqueous)) AND (graft WITH (polymer OR co\$1polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 10:36

S30	167	(emulsion OR dispersion).AB. SAME (discontinuous (water OR aqueous)) AND ((graft WITH (polymer OR co\$1polymer))) SAME (surfactant OR emulsifier)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 10:37
S31	8	(emulsion OR dispersion).AB. SAME (discontinuous WITH (water OR aqueous)) AND ((graft WITH (polymer OR co\$1polymer))) SAME (surfactant OR emulsifier)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 10:37
S33	1	("5942570").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/06 11:35
S34	1	S33 AND (paint WITH emulsion)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 11:36
S35	1	("4357184").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/06 11:40
S36	1	S35 AND surfactant	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 11:40
S37	1	("4836940").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/06 11:59
S38	20	((filler ADJ dispersion) OR (microparticulate ADJ retention ADJ aid ADJ dispersion) OR (drilling ADJ mud) OR (pigment ADJ disperion)) AND ((graft WITH (polymer OR co\$1polymer)) SAME (surfactant OR emulsifier))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 15:01
S39	88	((filler WITH dispersion) OR (microparticulate WITH retention WITH aid WITH dispersion) OR (drilling ADJ mud) OR (pigment WITH disperion)) AND ((graft WITH (polymer OR co\$1polymer)) SAME (surfactant OR emulsifier))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 15:03
S40	22	((filler WITH dispersion) OR (microparticulate WITH retention WITH aid WITH dispersion) OR (drilling ADJ mud) OR (pigment WITH disperion)) AND ((graft WITH (polymer OR co\$1polymer)) SAME (surfactant OR emulsifier)) AND (graft WITH (polymer OR co\$1polymer)).AB.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 15:05
S41	5	emulsion ADJ paint).AB. AND (graft WITH (polymer OR co\$1polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 15:30

S42	27	(aqueous WITH emulsion ADJ paint) AND (graft WITH (polymer OR co\$1polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 15:38
S43	2	("3090664").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/06 16:37
S44	4	(polyhexamethylene\$1adipamide OR polycaproamide) SAME (hydrophobic OR hydrophilic)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/07 09:36
S45	3142	(poly\$1acrylate) SAME (hydrophobic OR hydrophilic)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/07 09:50
S46	1677	(poly\$1acrylate) WITH (hydrophobic OR hydrophilic)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/07 09:50
S47	515	(poly\$1acrylate) WITH (hydrophobic)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/07 09:51
S48	1	("4846995").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/07 11:01
S49	11929	surfactant AND (graft WITH polymer)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/07 11:30
S50	969	surfactant SAME(graft WITH polymer)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/07 11:30
S51	1474	surfactant SAME(graft WITH (co \$1polymer OR polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/07 11:31
S52	728	surfactant SAME(graft WITH (co \$1polymer OR polymer)) AND (water\$1soluble OR (water WITH soluble))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/07 11:32
S53	198	surfactant SAME(graft WITH (co \$1polymer OR polymer)) AND (water\$1soluble OR (water WITH soluble)) AND (oil\$1soluble OR (oil WITH soluble))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/07 11:33
S54	169	surfactant SAME(graft WITH (co \$1polymer OR polymer)) AND (water\$1soluble OR (water WITH soluble)) AND (oil\$1soluble OR (oil WITH soluble)) AND (molecular WITH weight)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/07 11:33
S55	1883	(526/279).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/11 09:59
S56	258	(522/6).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/11 09:59
S57	1265	(424/70.12).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/11 10:00

S58	7264	(424/401).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/11 10:00
S59	1727	(524/504).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/11 10:01
S60	41	(8/115.53).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/11 10:02
S61	581147	surfactant OR (surface WITH (acting OR active) WITH agent) OR emulsifier OR detergent OR (wetting WITH agent) or dispersant)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/08/01 14:57
S62	53468	(graft WITH (polymer OR co \$1polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/08/01 14:58
S63	59907	(amine or thiols or ether or benzophenone or thioxanthone) same (photo\$1initiator or (photopolymeriz\$5 with initiator) or (initiator with light or photo or UV or ultra\$1violet))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/08/04 07:35
S64	581147	surfactant OR (surface WITH (acting OR active) WITH agent) OR emulsifier OR detergent OR (wetting WITH agent) or dispersant)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/08/04 07:35
S65	53468	(graft WITH (polymer OR co \$1polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/08/04 07:35
S66	3346	S64 and S65 and S63	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/08/04 07:35
S67	357	S63 AND (S64 SAME S65)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/08/04 07:36
S68	26389	(benzophenone or thioxanthone) same (photo\$1initiator or (photopolymeriz\$5 with initiator) or (initiator with light or photo or UV or ultra\$1violet))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/08/04 09:30
S69	201	S67 and S68	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/08/04 09:30
S70	2501	S64 with S65	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/08/04 09:31
S71	130	S69 and S70	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/08/04 09:31

S72	10595	(benzophenone or thioxanthone) same (photo\$1initiator or (photopolymeriz\$5 with initiator) or (initiator with (light or photo or UV or ultra\$1violet)))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/08/04 09:32
S73	48	S71 and S72	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/08/04 09:32
S74	53468	graft WITH (polymer OR co \$1polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/08/04 09:38
S75	10595	(benzophenone or thioxanthone) same (photo\$1initiator or (photopolymeriz\$5 with initiator) or (initiator with (light or photo or UV or ultra\$1violet)))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/08/04 09:38
S76	786	S74 and S75	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/08/04 09:38
S77	43	S74.AB. and S75	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/08/04 09:38
S78	1	11/623692.APP.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/08/04 10:16
S79	2	("5958313").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/05 14:53
S80	2	("20080145432").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/05 15:49
S81	2	("20080145432").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/05 16:14

8/ 6/ 2008 3:13:33 PM

C:\ Documents and Settings\ jtreidl\ My Documents\ EAST\ Workspaces\ 10559892.wsp